Table for Distinguishing the Hawaiian Species of the Genus Dryophthorus of the Curculionidae, Cossoninae (Coleoptera).

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While recently working over and determining the several years' accumulation of material in the Family Curculionidae at the Bishop Museum, the writer found that there was need for a table to more readily separate the seventeen known species of the genus Dryophthorus. Accordingly, the following table was produced, and is herewith presented to go on record for use in future work with the species of this genus:

1. Fourth and sixth interstices of elytra running together apically where they are confluent with the raised apical margin.......... 2
Second interstice most prominently continuous with raised apical margin; second, fourth, and sixth interstices elevated and with erect setae.......... 3
Sixth interstice alone continuous with raised apical margin.......... 6

2. Interstices of elytra about equally elevated; size, 3.5-4 mm. .*modestus*
Second and fourth interstices slightly more elevated than the rest; size, 2.5-3.25 mm..........*pusillus*
Second, fourth, and sixth interstices conspicuously more elevated than the rest; size, 5-5.5 mm..........*declivis*

3. Second, fourth, and sixth interstices feebly elevated, and second and fourth feebly interrupted; size, 3-3.75 mm..........*brevipennis*
Second, fourth, and sixth interstices conspicuously unevenly raised, or interrupted by lower places; size, 3-4 mm..........*verticalis*
Second and fourth interstices strongly interrupted.......... 4

4. First and third interstices slightly elevated; size, 4.4.75 mm..........*insignoides*
First and third interstices not elevated.......... 5

5. Anterior and posterior portions of second interstice equally raised; size, 3.5-4 mm..........*insignis*
Second interstice more strongly raised in posterior portion; size, 3.5 mm..........*fuscescens*

6. Small sized, 2.5-3 mm.......... 7
Larger sized, 4-7 mm.......... 8

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7. Second and fourth interstices slightly elevated; size, 2.5-2.7 mm. .... *oahuensis*
Second and fourth interstices sharply carinate; size, 3 mm. *kauaiensis*

8. Interstices with cinereous or ashy bloom........................ 9
Interstices without cinereous or ashy bloom.....................11

9. Second and fourth interstices elevated more than others; size, 6-6.5 mm...*crassus*
Interstices about evenly elevated...............................10

10. Interstices bearing distinct minute asperities; size, 6-7.75 mm. *nesiotes*
Interstices without above asperities; size, 4-6 mm..........*squalidus*

11. Second interstice more elevated than others; size, 5-7 mm....*gravidus*
Second and fourth interstices more elevated than others; size, 4.5-6 mm.................................... *homoeorhynchus*
Interstices equally elevated....................................12

12. Interstitial punctures larger than in most species and closely set, giving interstices a knobbed (?) appearance; size, 6-6.5 mm....*peles*
Interstitial punctures moderate in size (not unusual); size, 4-5.5 mm. .... *distinguendus*

TABLE OF ISLAND DISTRIBUTION OF THE SPECIES OF DRYOPHTHORUS IN HAWAII.

Dryophthorus	Kauai	Oahu	Molokai	Lanai	Maui	Hawaii	Host trees so far as known
squalidus Shp.		Tantalus Palolo[1]	(Common throughout Islands) Kamiloloa		Olinda[1]	Kaumana[1] Kilauea	Pipturus Koa Hau
distinguendus Perk.		Tantalus Niu[1] Palolo[1] Opaeula[1] Makaha[1] Manoa[1] [5] Makaleha[1]	(Common throughout Islands)			Kilauea Hakalau[1] Kaumana[1] Olaa[1]	Koa Bamboo Kukui
peles Perk.						Kilauea	
nesiotes Perk.	Mts., 4000 ft. Kokee[1]						Koa Tetraplasandra
gravidus Shp.	Milolii[1]	Tantalus	X	X	X	X	Lobelia
crassus Shp.		Tantalus Niu[1]			X Waikamoi[1]		Koa
homoeorhynchus Perk.	Mts., 2000-4000 ft. Kokee[1]	Lanihuli[2] Pupukea[1]			Iao Valley[1]		Dracaena
declivis Shp.		Tantalus Olympus[1] Palolo[1] Niu[1] Pacific Hts.[1]	X			X	Koa Pipturus Labordea Cibotium
modestus Shp.	Kokee[1] Nualolo[1] Milolii[1]	Tantalus Konahuanui[1] Olympus[1] Palolo[1]			X	X Waimea[1]	Koa Cibotium

	Kauai	Oahu	Molokai	Lanai	Maui	Hawaii	Host trees so far as known
pusillus Shp.		Tantalus Konahuanui [1] Palolo [1]				Kohala [3]	Cibotium
oahuensis Perk.		Tantalus Waianae Mts.					Pipturus
kauaiensis Perk.	Mts., 4000 ft.						
insignis Shp.	Kealia [4]	Tantalus Konahuanui [1] Olympus [1] Palolo [1] Niu [1] Waiawa [1] Waiahole [1] Kaala [1] Pacific Hts.[1]	(Mountains of All Islands)				Cibotium Labordea
insignoides Perk.	X	Tantalus	?	?			
brevipennis Perk.	Mts., 4000 ft.						
fuscescens Perk.	Mts., 4000 ft.						
verticalis Perk.	Mts., 4000 ft.						

Most of the records are from the Fauna Hawaiiensis.

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[1] Collected by O. H. Swezey.
[2] Collected by J. C. Bridwell.
[3] Collected by F. X. Williams.
[4] Collected by L. D. Larsen.
[5] Collected by E. M. Ehrhorn.